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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/771,300	
	Filing Date	05/03/2001	
	First Named Inventor	Lee	
	Group Art Unit	3662	
	Examiner Name	Blum, T.	
Total Number of Pages in This Submission	10	Attorney Docket Number	PD-99W059

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): - Postcard
Remarks		

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Firm or Individual name	Leonard A. Alkov, Esq.
Signature	
Date	01/28/2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 01/28/2003		
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Attorney Docket No. PD-99W059

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: January 28, 2003
J. J. LEE et al :
Serial No. 09/771,300 : Group Art Unit: 3662
Filed: May 3, 2001 :
For: CONFORMAL END-FIRE : Examiner: T. Blum
ARRAYS ON HIGH
IMPEDANCE GROUND PLANE

AMENDMENT

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Dear Sir:

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GROUP 3600

This Amendment is hereby submitted in the hereinabove-identified Patent Application in response to Office Action, mailed July 31, 2002. Please consider the amendments to the Claims and the Remarks set forth herein.

IN THE CLAIMS

Please cancel Claims 2, 4, and 7, 12, 13, 14, 17, and 19.

Please amend Claim 5 as follows:

5. (Amended) The antenna of Claim 20, wherein the metal plates have a hexagonal shape.

Please amend Claim 8 as follows:

8. (Amended) The array of Claim 20 wherein the radiating elements are spaced along the axis by one-quarter wavelength at a center frequency of operation for the array, and the array provides an end-fire beam in only one direction along the axis.

Please amend Claim 20 as follows:

20. (Amended) A conformal end-fire antenna, comprising:
a high impedance ground surface structure, comprising an

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cont.